ADDITIONAL
FLOUNDER
DATA RECORDED
ON SEPARATE
SHEETS

02420

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2420	032	03 12 74	26AD	3515	7546

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0005	10	—	08	003	N	NE	20

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	OC	SA	E	FT	181	—	11	30

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00350	0006	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36° 15'	75° 46'	1634	3023	5		1057	1058
							PU	ON
FINISH	36° 13'	75° 44'	1616	3018	7		1128	1131

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
50	1300/2 / 5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Recorded on spare Simrad

OBSERVATIONS

Alosids - common

Stripers - 8

P. dentatus - common

R/V DAN MOORE SPECIES LIST

STATION NUMBER 2420 DATE 12 March 1974 ~~IDENTIFIED BY~~ Biologists BFH ABF

TOTAL CATCH WT. 350± SUBSAMPLE WT. _____ NO. BASKETS _____

Air: 8°C Surf: 9.5°C FF: 350 C: 6 M: - O: -

SPECIES	NUMBER	WEIGHT	DATA TAKEN *
Alosids	Common	ca 180	Tagged + kept the balance
Morone saxatilis	8	120	
Sturgeon			
P. dentatus	Common		Combined w 2418 · 2420
Cancer irroratus	Few	5	
Callinectes sapidus	1	21	
Squalus acanthias	Few	25	
Lophius americana			

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

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Species: P dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks WT. g	
III-1	530	♂	✓	✓				IV	2420	26.5g	Area II
III-2	350	♂	✓	—				—	do	Ripe, not easily expressed	
III-3	234	♀	✓	✓				I	do	115	March 1994
III-4	330	♀	✓	✓				I	2411	395	1.2g
III-5	240	♀	✓	✓				IV	2411		18.8g March 1994
III-6	483	♀	✓	✓				IV	2426-2427	—	*38.1g Area II
III-7	477	♀	✓	✓				VII			6.7g March 1994
III-8	432	♀	✓	✓				VII			4.7g
III-9	380	♂	✓					—		Milt exhausted	
III-10	203	♂	✓	—				—	2418-2420	90	Area I
III-11	203	♂	✓	—				—	"	85	March 1994
III-12	141	—	✓	—				Immature	"	30	
III-13	174	♀	✓	—				I	"	60	
III-14	190	♂	✓	—				—	"	70	
III-15	183	♀	✓	—				I	"	75	
III-16	177	♂	✓	—				—	"	60	
III-17	207	♂	✓	—				—	"	105	
III-18	184	♀	✓	—				I	"	65	
III-19	203	♂	✓	—				—	"	90	
III-20	173	♀	✓	—				I	"	60	
III-21	203	♀	✓	—				I	"	90	
III-22	214	♀	✓	—				I	"	105	
III-23	186	♂	✓	—				—	"	70	
III-24	160	♂	✓	—				—	"	50	
III-25	192	♂	✓	—				—	"	80	
III-26	188	♂	✓	—				—	"	70	
III-27	168	♀	✓	—				I	"	50	
III-28	175	♂	✓	—				—	"	60	
III-29	182	♀	✓	—				I	"	70	
III-30	195	♀	✓	—				I	"	85	
III-31	187	♂	✓	—				—	"	80	
III-32	210	♂	✓	—				—	"	110	
III-33	225	♂	✓	—				—	"	130	
III-34	212	♀	✓	—				I	"	120	
III-35	196	♀	✓	—				I	"	85	
III-36	145	Immature	✓	—				—	"	35	
III-37	210	♂	✓	—				—	"	105	
III-38	201	♂	—	—				—	"	80	
III-39	207	♀	✓	—				I	"	95	
III-40	161	♂	✓	—				—	"	50	
III-41	151	♂	✓	—				—	"	50	
III-42	185	♀	✓	—				I	"	65	
III-43	200	♂	✓	—				—	"	85	
III-44	207	♂	✓	—				—	"	95	
III-45	211	♂	✓	—				—	"	95	
III-46	165	♀	✓	—				I	"	50	
III-47	166	♂	✓	—				—	"	45	
III-48	175	♀	✓	—				I	"	50	

Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks wt. - g.	
III-49	176	♀	✓	—				I	2418-2420	55	Area I
III-50	194	♂	✓	—				—	"	75	March 1974
III-51	212	♀	✓	—				I	"	90	
III-52	208	♂	✓	—				—	"	95	
III-53	205	♂	✓	—				—	"	90	
III-54	160	♂	✓	—				—	"	40	
III-55	190	♂	✓	—				—	"	70	
III-56	169	♂	✓	—				—	"	50	
III-57	165	♀	✓	—				I	"	45	
III-58	210	♀	—	—				I	"	90	
III-59	216	♀	✓	—				I	"	105	
III-60	168	♂	✓	—				—	"	50	
III-61	163	♂	✓	—				—	"	40	
III-62	205	♀	✓	—				I	"	90	
III-63	203	♀	✓	—				I	"	80	
III-64	194	♀	✓	—				I	"	85	
III-65	178	♀	✓	—				I	"	60	
III-66	212 ×	♂	✓	—				—	"	110	
III-67	195	♂	✓	—				—	"	70	
III-68	164	♂	—	—				—	"	45	
III-69	171	♀	✓	—				I	"	55	
III-70	190	♂	✓	—				—	"	65	
III-71	208	♀	✓	—				I	"	105	
III-72	220	♀	✓	—				I	"	125	
III-73	207	♀	✓	—				I	"	90	
III-74	155	♂	✓	—				—	"	40	
III-75	178	♂	✓	—				—	"	55	
III-76	430	♀	✓	✓				VII	"	880	4.5 g
III-77	464	♀	✓	✓				IV	"	1230	9.1 g
III-78	429	♀	✓	✓				VII	"	810	5.0 g
III-79	388	♀	✓	✓				I	"	690	2.6 g (II)?
III-80	330	♀	✓	✓				I	"	410	1.2 g
III-81	387	♀	✓	✓				I	"	770	3.0 g (II)?
III-82	187 ✓	♂	✓	—				—	2423	80	Area I
III-83	208 ✓	♀	—	—				I	"	100	March 1974
III-84	195 ✓	♀	✓	—				I	"	100	
III-85	333 ✓	♀	✓	—				I	"	440	1.4 g
III-86	206 ✓	♂	✓	—				—	2415-2416	85	* Area I
III-87	237 ✓	♀	✓	—				I	"	130	March 1974
III-88	194 ✓	♂	✓	—				—	"	80	
III-89	197 ✓	♂	✓	—				—	"	80	
III-90	511 ✓	♀	✓	—				VII	2417	1465	✓12.0 Area I
III-91	234 ✓	♀	✓	—				I	"	135	March, 1974
III-92	184 ✓	♀	✓	—				I	"	65	
III-93	253 ✓	♀	✓	—				I	2422	175	Area I
III-94	383 ✓	♀	✓	—				I	" (cont)	640	2.9 g (II?) March 1974

Length-frequency distribution

Species: P. dentatus | Station: 2415 - 2420

Date: March 12, 1974 | Locality: 1

T.L.	♂	♀	I
100 - 109.9			
110 -			
120			
130 -			
140			II (2)
150 -	II (2)		
160	~~IIII~~ III (8)	III (3)	
170	III (3)	~~IIII~~ I (6)	
180	III (3)	IIII (4)	
190 -	~~IIII~~ I (6)	III (3)	
200	~~IIII~~ IIII (9)	~~IIII~~ I (6)	
210 -	IIII (4)	~~IIII~~ (5)	
220	I (1)	I (1)	
230 -			
240 -			
250 -			
260			
270 -			
280			
290			
300 -			
310 -			
320			
330	I (1)		
340			
350			
360			
370 -			
380 -	II (2)		
390			
400 -			
410 -			
420	I (1)		
430	I (1)		
440			
450			
460	I (1)		
470 -			
480			
490			
500 -			
510			
520 -			
530			
540 -			
550			
560 -			
570 -			
580 -			
590 -			

T.L.
600 -
610 -
620
630 -
640 -
650 -
660 -
670 -
680 -
690
700 -
710 -
720
730 -
740 -
750 -

♂ - 36
♀ - 34
I - 2
72

Sheet 1 of 1

ALEWIFE

Sta.	Date	FL(mm)	Wt(g)	Sex	Scales	Age	Spawn Marks	Stage	AL No.
2417	3/7/74	225	288	♂	✓	4A+=5	O	—	103
"	"	252	260	♂	✓	5A-1S+=7	I	—	104
"	"	242	226	♀	✓	4A+=5	O	III	105
	11/	2713							
2420	3/12/74	225	162	♂	—	—	—	—	106
"	"	234	200	♂	—	—	—	—	107
"	"	145	34	I	—	—	—	—	108
"	"	135	36	I	—	—	—	—	109
"	"	130	30	I	—	—	—	—	110
"	"	125	18	I	—	—	—	—	111
"	"	140	26	I	—	—	—	—	112
"	"	145	30	I	—	—	—	—	113
"	"	145	30	I	—	—	—	—	114
"	"	135	30	I	—	—	—	—	115
"	"	144	30	I	—	—	—	—	116
"	"	147	38	I	—	—	—	—	117
"	"	137	38	I	—	—	—	—	118
	13/	1987							
2450-2451	4/2/74 1/	240	180	♀	—	—	—	III	119
2424	3/14/74	108	—	—	✓	0+=1	O	—	120
"	"	115	—	—	✓	1A+=2	O	—	121
"	"	151	—	♀	✓	2A+=3	O ✓	Imm	122
"	"	132	—	♀	—	—	—	Imm	123
"	"	135	—	—	✓	2A+=3	O	—	124
	5/	641							
2450	4/2/74	122	26	♀	✓	1A+=2*		1mm	125
"	"	120	20	♀	—	—	—	1mm	126
"	"	129	26	♀	—	—	—	1mm	127
"	"	125	26	♀	✓	1A+=2	O	1mm	128
"	"	110	16	♂	—	—	—		129
"	"	110	19	♀	✓	1A+=2	O	1mm	130
"	"	100	10	—	✓	2A=2	O	—	131
"	"	110	18	—	✓	0+=1	O	—	132
"	"	103	18	—	—	—	—	—	133
	9/	1029							
2418	3/12/74	135	20	♂	—	—	—	—	134
	"	149	44	♀	—	—	—	1mm	135
	"	149	44	♀	—	—	—	1mm	136
	"	163	60	♂	✓	unrendible		—	137
	"	137	30	♂	—	—	—	—	138
	"	145	36	♀	—	—	—	1mm	139
	"	133	36	♀	✓	2A=2	O ✓	1mm	140
	"	127	26	♂	—	—	—	—	141
	"	145	44	♂	✓	1A+=2	O	1mm	142
	"	138	38	♂	—	—	—	—	143
	"	158	56	♀	✓ ?	1A+=2	O	1mm	144
	"	163	48	♂	—	—	—	—	145
	"	140	38	♂	—	—	—	—	146
	"	145	40	♀	—	—	—	1mm	147
	"	143	40	♀	—	—	—	1mm	148
	"	142	42	♂	✓	1A+=2	O	—	149
	"	127	28	♀	—	—	—	1mm	150
2418	"	109	18	♂	—	—	—	—	151

BLUEBACK

Sta.	Date	FL (mm)	WT (g)	Sex	Scales	Age	Marks	Spawn. Stage	BB No.
2417	3/7/74	243	198	♂	✓	3A-2S+7	3	—	749
"		250	224	♀	—	—	—	III	750
"		229	186	♂	✓	4A+=5	0	—	751
"		238	186	♂	✓	3A-2S+6	2	—	752
"		222	170	♂	✓	2A+=4	0	—	753
"		260	248	♂	✓	3A-3S+7	3	—	754
"		245	230	♀	✓	5A+=6	0	III	755
"		220	174	♂	✓	3A+=4	0	—	756
"		235	198	♂	✓	2A-1S+=4	1	—	757
"		255	260	♀	✓	3A-2S+6	2	III	758
"		250	232	♂	✓	5A-2S+8	2	—	759
"		237	184	♂	—	—	—	—	760
"		235	192	♂	✓	3A-1S+5	1	—	761
"		232	276	♂	—	—	—	—	762
"		241	200	♂	✓	regenerated	—	—	763
"		245	216	♂	✓	3A-1S+5	1	—	764
"		237	214	♂	✓	3A-1S+5	1	—	765
"		225	178	♂	—	—	—	—	766
"		239	179	♂	✓	4A+=5	0	—	767
"		254	206	♂	✓	4A-2S+7	2	—	768
"		236	202	♂	✓	3A-1S+5	1	—	769
"		234	200	♀	✓	4A+=5	0	III	770
"		245	228	♂	✓	3A-2S+6	2	—	771
"		213	160	♀	✓	4A+=5	0	III	772
"		235	226	♂	✓	4A+=5	0	—	773
"		247	214	♂	✓	3A-2S+7	3	—	774
"		237	220	♂	✓	3A-2S+6	3	—	775
"		235	226	♂	✓	4A+=5	0	—	776
"		224	172	♂	✓	2A-1S+4	1	—	777
"		229	182	♂	✓	4A+=5	0	—	778
"		238	198	♀	✓	4A+=5	0	III	779
"		238	204	♂	✓	4A-1S+6	1	—	780
"		242	202	♀	✓	4A-1S+6	1	III	781
"		229	202	♀	✓	4A+=5	0	III	782
"		250	232	♂	✓	3A-4S+8	4	—	783
"		240	216	♂	✓	3A-1S+5	1	—	784
"		245	220	♂	✓	3A-2S+6	2	—	785
"		242	220	♂	✓	4A-1S+6	1	—	786
"		245	222	♂	✓	3A-2S+6	2	—	787
"		270	260	♀	✓	3A-3S+7	3	III	788
"		240	182	♂	✓	4A-1S+6	1	—	789
"		260	270	♀	✓	3A-2S+6	2	III	790
"		238	200	♂	✓	2A+=3	0	—	791
"		240	190	♂	✓	4A-3S+7	2	—	792
"		238	212	♂	✓	5A+=6	0	—	793
"		227	170	♂	✓	3A+=4	0	—	794
"		232	158	♂	✓	4A+=5	0	—	795
"		235	174	♂	✓	3A+=4	0	—	796
"		223	160	♂	✓	3A+=4	0	—	797
"		222	156	♂	✓	3A+=4	0	—	798
"		247	216	♂	✓	3A-2S+6	2	—	799
2420	3/12/74	145	52	♂	—	—	—	—	800
"	"	147	30		—	—	—	—	801
"	"	142	28	♂	—	—	—	—	802

BLUEBACK

Sta.	Date	FL(mm)	Wt.(g)	Sex	Scales	Age	Spawn Marks	Spawn Stage	Fish No.
2420	3/12/74	167	48	♂	—	—	—	-	803
"		160	40	♂	—	—	—	-	804
"		170	50	♂	—	—	—	—	805
"		135	22	♂	—	—	—	—	806
"		168	50	♀	—	—	—	Imm	807
"		178	50	♂	—	—	—	—	808
"		145	52	♂	—	—	—	—	809
"		228	174	♂	—	—	—	—	810
"		270	266	♀	—	—	—	III	811
"		242	218	♂	—	—	—	—	812
"		255	270	♀	✓	[illegible]	3	III	813
"		247	198	♂	—	—	—	—	814
"		227	192	♂	—	—	—	—	815
"		272	270	♀	—	—	—	III	816
"		250	228	♂	—	—	—	—	817
"		217	146	♂	—	—	—	—	818
"		242	226	♂	✓	[illegible]	2	—	819
"		235	200	♂	—	—	—	—	820
"		175	66	♂	—	—	—	—	821
"		215	158	♂	✓	[illegible]	0	—	822
"		220	160	♂	—	—	—	—	823
"		210	144	♂	—	—	—	—	824
"		225	164	♂	—	—	—	—	825
"		237	208	♀	—	—	—	III	826
"		245	160	♂	—	—	—	—	827
"		250	244	♂	—	—	—	—	828
"		238	208	♂	—	—	—	—	829
"		240	188	♀	—	—	—	I	830
"		225	190	♀	—	—	—	III	831
"		265	260	♀	✓	[illegible]	—	III	832
"		230	192	♂	—	—	—	—	833
"		235	228	♂	✓	3A-2-[illegible]	2	—	834
"		178	50	♂	—	—	—	—	835
"		187	80	♂	—	—	—	—	836
"		155	40	♂	—	—	—	—	837
"		145	26	♂	—	—	—	—	838
"		165	52	♂	—	—	—	—	839
"		150	30	♀	—	—	—	Imm	840
"		155	38	♂	—	—	—	—	841
"		135	24		—	—	—	—	842
"		158	26	♂	—	—	—	—	843
"		150	30	♂	—	—	—	—	844
"		150	38	♂	—	—	—	—	845
"		178	50	♂	—	—	—	—	846
"		172	54	[illegible]	—	—	—	—	847
"		195	88	♀	—	—	—	Imm	848
"		185	72	♀	—	—	—	—	849
"		160	48	♀	—	—	—	—	850
"		160	46	♂	—	—	—	—	851
"		162	46	♂	—	—	—	—	852
"		150	30	♀	—	—	—	Imm	853
"		177	52	♀	—	—	—	Imm	854
"		155	38		—	—	—	—	855
"		150	36	♂	—	—	—	—	856

BLUEBACK

Stat.	Date	FL(mm)	wt(g)	Sex	Scales	Age	Spawn. Marks	STAGE	BB No
2420	3/12/74	140	28		–	–	–	–	857
"		148	36	♀	–	–	–	Imm	858
"		160	40	♀	–	–	–	Imm.	859
"		166	50	–	–	–	–	–	860
"		145	32	♂	–	–	–	–	861
"		135	30		–	–	–	–	862
"		140	30	♂	–	–	–	–	863
"		134	26		–	–	–	–	864
"		157	44		–	–	–	–	865
"		150	36		–	–	–	–	866
"		140	28		–	–	–	–	867
"		148	40		–	–	–	–	868
"		150	36		–	–	–	–	869
"		160	40	♂	–	–	–	–	870
"		124	20	♀	–	–	–	Imm.	871
"		160	44	♂	–	–	–	–	872
2420		185	60	♂	–	–	–	–	873
2450-2451	4/2/74	252	220	♀	–	–	–	III	874
"		245	206	♂	–	–	–	–	875
"		235	186	♀	–	–	–	III	876
"		250	230	♀	–	–	–	III	877
"		250	202	♂	✓	3A-1S=4	1	Spent V	878
"		227	170	♂	–	–	–	–	879
"		255	272	♀	✓	3A-1St=5	1	III	880
"		258	300	♀	✓	4A-1St=6	1	III	881
"		245	204	♂	–	–	–	–	882
"		205	120	♀	–	–	–	II	883
"		252	260	♀	✓	3A-3S=6	3	III	884
2468	4/11/74	235	196	♀	✓	2A+=3	0	III	885
2424	3/14/74	75	–	–	–	–	–	–	886
"		77	–	–	–	–	–	–	887
"		73	–	–	–	–	–	–	888
"		77	–	–	–	–	–	–	889
"		77	–	–	✓	0+=1	0	–	890
"		83	–	–	✓	0+=1	0	–	891
"		73	–	–	–	–	–	–	892
"		76	–	–	✓	0+=1	0	–	893
"		70	–	–	✓	0+=1	0	–	894
"		75	–	–	✓	0+=1	0	–	895
"		77	–	–	✓	0+=1		–	896
"		75	–	–	–	–	–	–	897
"		73	–	–	–	–	–	–	898
"		73	–	–	✓	0+=1	0	–	899
"		75	–	–	–	–	–	–	900
"		95			✓	0+=1	0	–	901
"		75	–	–	–	–	–	–	902
"		67	–	–	–	–	–	–	903
"		75	–	–	✓	0+=1	0	–	904
"		72	–	–	–	–	–	–	905
"		78	–	–	–	–	–	–	906
"		74	–	–	–	–	–	–	907

Grid 26 AD

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2420 Tot. Fish Captured 390 (377 BB) (13 AL)

Date 3 - 12 - 74 Tot. Fish Tagged 303 BB
3H4 3H5

Area of Release 1616 3018 - 7 FMS. No. Retained for analysis 87 (74 BB) (13 AL)
11 Miles S. Currituck Approx 2 miles offshore

LORAN Start 1634 3023 5 FMS Gear Type 181 Wing Trawl

Finish 1616 3018 7 FMS

TAG. NO.	Weight Lbs.	Ozs.	F.L. (cm)	Species	Remarks	
				Blueback	Holland	
					B25650 - B25819	170
				Powell	B26301 - B26434	133
					Broker 1 TAG	
					B26364	

2420